II. AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Canceled).

2. (Canceled).

3. (Canceled).

4. (Canceled).

5. (Canceled).

6. (Canceled).

7. (Canceled).

8. (Canceled).

9. (Canceled).

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10. (Canceled).

11. (Canceled).

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Canceled).

17. (Canceled).

18. (Canceled).

19. (Canceled).

20. (Canceled).

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21. (Canceled).

22. (Previously Presented) A system for communicating message data between applications

programs on a plurality of subsystems of a computer network, the system comprising:

    a queue sharing group;

    at least one shared queue;

    at least one queue manager, having a channel initiator, local page sets and log data sets,

wherein an application program can connect to any of the at least one queue manager;

    a shared data repository that stores queue definitions for the at least one shared queue, the

shared data repository being accessible from all queue managers;

    a data repository manager component of each queue manager which controls connect,

disconnect, read, write, delete and update requests to the shared data repository;

    a coupling facility having a microprocessor unit and data structures for the at least one

shared queue, the coupling facility being accessible from all queue managers, wherein the

coupling facility can hold multiple coupling facility data structures for the same queue sharing

group and can couple data structures for more than one queue sharing group;

    a coupling facility manager component of each queue manager which provides

connection services for connecting to the coupling facility data structures to perform read, write,

delete, connect, disconnect, update and move operations on the data structures; and

    a shared transmission queue of the at least one shared queue, wherein the shared

transmission queue is checked by a long running process of each subsystem for message data for

the subsystem;

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wherein the plurality of subsystems is a distributed network of resource managers,

wherein the plurality of subsystems are part of a sysplex and all queue managers in the queue sharing group are in the same sysplex,

wherein the at least one queue manager belongs to only one queue sharing group,

wherein message data is sent from a first subsystem to a second subsystem by putting a message on the shared transmission queue and the second subsystem getting the message from the shared transmission queue,

wherein the queue managers are able to access the same object definitions and message data concurrently,

wherein the message data can be accessed by any queue manager in the same sysplex,

wherein a queue manager is adapted to use a non-shared local queue, to store definitions of private objects, and to distinguish between the private objects and shared objects,

wherein the queue sharing group has a single generic address that can be used to connect to any queue manager within the queue sharing group, and

wherein channels and channel agents are not required to be active between queue managers in the queue sharing group.